

Case Study

Weidmüller Enhances Production with Reliable and Faster Deliveries



INDUSTRY

Electrical Connection Technology

CHALLENGE

Strengthen transparency in the production process and increase delivery reliability

IMPLEMENTATION TIME

2.5 months (From Kick-off to Go-Live)

RESULTS

↑ **30% More** On-Time Deliveries

↓ **20% Less** Lead Times

The Manufacturer

Weidmüller is a global leader in industrial connectivity solutions, specializing in power, signal, and data applications.

Thüringische Weidmüller GmbH, established in 1990 in Wutha-Farnroda, Germany, is one of the key manufacturing sites of the Weidmüller Group.

At this location, over 300 employees focus on manufacturing components primarily for printed circuit board connection technology.

The site is also equipped with state-of-the-art production systems. In recognition of its high quality standards, the site was awarded the Thuringian State Award for Quality in 2010.



The Challenges

Visibility into Production Orders

Thüringische Weidmüller GmbH saw an opportunity to enhance real-time monitoring of production orders as the lack of transparency made it difficult to prioritize tasks, sometimes leading to delays in the production process.

Task Prioritization

The lack of a structured system for task prioritization made production management more challenging. Critical jobs were often delayed because there was no reliable way to identify and focus on the most important tasks, especially during unexpected changes in production schedules.

Resource Allocation

Scheduling workers efficiently and managing the availability of manufactured parts posed additional challenges. Without a clear system to indicate when components were ready for reuse, delays and inefficiencies became common, impacting overall production flow and operational efficiency.

Delivery Reliability

The company was looking for a more advanced planning solution to optimize workflows, enhance efficiency, and ensure greater reliability in meeting delivery commitments.

The Solution

Thüringische Weidmüller GmbH implemented the planeus planning system to enhance process visibility and streamline production. Key features and outcomes included:

Comprehensive Order Tracking and Management

planeus offers a flexible order management structure for manufacturers to create and manage production orders in a quick and easy way.

- **Real-Time Visibility:** planeus provides a clear and up-to-date view of every production order's status, ensuring all stakeholders can access the latest information instantly.
- **Project-Based Order Management:** Users can create production orders within projects, each containing one or multiple articles (order items). This scalable setup accommodates both simple and complex production runs.
- **Bulk Editing and Updates:** This feature allows users to edit and update multiple production orders simultaneously, streamlining adjustments across various items efficiently.
- **Advanced Sorting and Filtering:** Orders can be sorted and filtered by key parameters such as status, delivery date, location, or customer, enabling precise order tracking and prioritization.

Optimized Resource Utilization

- **Integrated Gantt Chart and Dashboard:** Resource usage and capacity are displayed on Gantt charts and dashboards, making it simple to monitor and manage upcoming resource allocations in real time.
- **Future Capacity Planning:** The system provides a detailed breakdown of utilization levels by day, week, month, or a full year in advance. This enables planners to anticipate workloads, identify potential resource shortages, and allocate resources effectively across future timeframes.
- **Proactive Adjustments:** With immediate visibility into projected workloads, planners can quickly detect over-committed resources and adjust schedules to optimize capacity and prevent delays.

Transparent Workforce Management

- **Qualification Matrix:** planeus incorporates a qualification matrix, linking specialists with their qualifications, ensuring important tasks will be performed by their qualified staff.
- **Indication of Work Shift Impact:** planeus incorporates worker shifts into production schedules, ensuring smooth coordination between shifts and allowing for dynamic shift adjustments that will have positive impact in productivity.
- **Indication of Maintenance Impact:** Maintenance activities are displayed as capacity gaps. When deviations happen, affected tasks will be adjusted and prolonged, ensuring transparency and operational continuity.

The Results

planeus delivered significant improvements for Thüringische Weidmüller GmbH, including:

- **On-Time delivery rate increased by 30%**
- **20% reduction in production time**
- **Digital transformation in just 2.5 months**
- **Increased transparency and control**

“With planeus, we’ve achieved a new level of transparency in our production. Delivery reliability is up 30%, and our throughput times are cut by 20%. The system is user-friendly, and the training provided was exceptional.”

*Robert Kiesewetter, Transformation Manager / Tech. Industrial Trainer &
Enrico Friebich, Milling & EDM Coordinator*

Looking Ahead

Weidmüller is now consolidating and building on the successes achieved through the introduction of planeus. With the help of planeus's support in **continuous optimization** and potential analysis, Weidmüller is now further optimizing its processes, improve machine utilization and increase overall efficiency.

Working with planeus helped Weidmüller remain flexible and well-equipped to adapt to future challenges and maintain its operational excellence and commitment to delivering high-quality products on time.

» *[Learn More about how planeus helps optimize your production.](#)*

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